

KAGANOVICH, Yu. Ya.

MISHCHENKO, K. P.

THE TEMPERATURE COEFFICIENTS OF THE HEATS OF
SOLUTION OF ELECTROLYTES.

THE HEATS OF SOLUTION OF KCl IN WATER AT 50°
AND OF $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ IN WATER AND IN Na_2SO_4
SOLUTIONS AT 25, 35 AND 45°.

19 pages

A-0593

RUSSIAN, Zhur Obshch Khim, Vol XXI, No. 1

Jan. 1951 Consultants Bureau Translation

Thermodynamic Characteristics of Nitric Acid,
by K. P. Mishchenko, A. A. Ravdel. UNCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol XXVI, No 3,
Mar 1953, pp 343-344.

ATIC F-TS-8347

Scientific - Chemistry
Aug CTS/DEX

17.785

Abstracts of the 1957-1958 International Symposium on
Chlorine Dioxide and Hydrogen Peroxide, by I. N.
Pis, K. Yu. Salnis, K. P. Mishchenko, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 7,
1957, pp 1471-1473.

AEC-tr-4057

Sci - Chemistry

Dec 60

PST 84

134, 128

Thermochemistry of Electrolyte Solutions. V. Integral
Heats of Solution of NaCl and $MgCl_2 \cdot 6H_2O$ in Water
at Temperatures of $+2$ and -60 , by K. P. Mikhchenko,
I. F. Yakovlev, 10 pp.

RUSSIAN, per, Zhur Gashch Khim, Vol. XXXIX, No. 6, 1959,
pp 1761-1770.

Consultants Bureau

Sci - Chemistry

122,021

Thermodynamic Characteristics of the Reaction of
Chlorine Monoxide with Alkali, by V. A. Kustodina,
K. P. Mishchenko, I. B. Flis, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, XXXIV, No 1, 1961,
pp 125-129.

CB

Sci

183,807

Mar 62

Thermodynamics of the Reaction of Chlorine Monoxide with
Hydrogen Peroxide in an Alkaline Medium, by I.E. Flis,
K.P. Mishchenko, V.A. Kustodina, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV, No 2, 1961,
pp306-311

CB

Sci

Mar 62

192, 250

Thermodynamics of the Dissociation of Nitrogen
Peroxide in Aqueous Solutions, by K. Yu. Salnis,
K. P. Mishchenko, I. E. Flis, 8 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957,
pp 1985-1989.

AEC-tr-4059
FL-480

Sci

Aug 61

PST 86

163381

Mikhail Vasil'evich (In Commemoration of the 250th Anniversary of His Birth), by K. P. Mishchenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1, 1962, pp 1-2.

CB

Sci

Oct 62

216,132

The Dissociation of Hydrogen Sulfide in Aqueous
Solutions at Various Temperatures, by T. A.
Tumanova, K P Mishchenko, I E Flis, 13 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957,
pp 1990-1997.

AEC-tr-4059
FL-480

Sci

Aug 61

FST 86

163,383

Determination of Sulfide, Hydrosulfide, and Hydro-
gen Sulfide in Each Other's Presence in Pure Aqueous
Solutions, by K. P. Mishchenko, T. A. Tumanova, I. E.
Flis, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 2, 1960,
pp 211-217.

CB

Sci
Aug 61

163,428

Vladimir Yekovlevich Kharbatov, by A. P.
Mishchenko, V. V. Resunovskiy, 12 pp.

RUSSIAN, per, Zhur Obahch Khim, Vol XXIX, No 11,
1959, pp 3513-3522.

CS

Sci
Oct 60

132, 458

The Possibility of Formation of Positive Halogen
Ions in Aqueous Solution, by K. P. Mishchenko and
I. E. Flis, 10 pp.

Pub
RUSSIAN, per, Zhur ~~Anat~~ Khim, Vol ~~XII~~ *XII*, No ~~14~~ *5*, 1957,
pp 665-673.

Consultants Bureau

Sci - Chem
Aug 58

69, 713

Mean Number of Prompt Neutrons in the Fission of
U 233, U 235, Pu 239 By 4 and 15 Mev Neutrons, by
G. N. Smirenkin, I. I. Bondarenko, L. S. Kutsayeva,
Kh. D. Mishchenko, L. I. Prokhorova, B. P. Shchur-
tenko, 3 pp.

RUSSIAN, per, Atomnaya Energiya, Vol IV, No 2,
1958, pp 188-189.

Consultants Bureau

Sci - Nuclear Phys

79,080

Jan 59

The Problem of Measurement of Electric Losses of
~~ACID~~ Aqueous Solutions of Sulfuric Acid, by K. P.
Mishchenko.

RUSSIAN, per, Zhur Obshch Khim, Vol XI, No 2, 1941,
pp 149-156.

Sci - Chemistry

Assoc Tech Sv RJ-457

\$13.40

Aug 1956

PO Box 271, East Rutherford Orange
N. J.

36,968

Thermochemical Study of Aqueous Solutions of
Electrolytes. IV. Thermochemistry of Aqueous
Ammonium Chloride Solutions, by K. P.
Mishchenko, A. M. Ponomareva, 16 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 5, May 1956, pp 1296-1310.

Consultants Bureau
SLA R-2833

Sci - Chemistry
May 57

47, 283

Electrically Calibrated Ice Calorimeter, by M. V. Kniga,
K. P. Nishchenko, 3 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XIX, No 11, 1937,
pp 1708-1710.

Consultants Bureau

Sci - Chem

Feb 59

82,181

The Thermodynamic Characteristics of Nitric Acid,
by K. P. Mishchenko, A. A. ~~REDACTED~~ Ravdel, 2 pp.
UNCLASSIFIED.

RUSSIAN, per, Zhur Prik Khim, Vol XXVI, No 3,
Mar 1953, pp 343-.

Consultants Bureau tr

Scientific - Chemistry

18,684

Electron Diffraction Data on the Structures of Segholite
and Polygorskite

By R.B. Zvyagin, K.S. Vishchenko pp6

RUSSIAN, per, Kristallografiya, Vol VIII, No 2, 1963,
pp201-206

Amer Inst of Phys
Sov Phys - Crystal
Vol VIII, No 2

Sci-

Dec 63

344,833

~~344,433~~

What is the Genus *Thaumtophysa* Fae. (Orthoptera,
Acrididae, Catantopinae)?, by I. L. Hishchenko,
3 pp.

RUSSIAN, per, Entomolog Obozreniya, Vol. XIV, No. 2,
1961, pp 351-358.

AIES

Sci

186.649

MAY 62

L. L. Mishchenko.

RUSSIAN, bk, Fauna SSSR, 1952, Vol LIV, 610 pp.

*PL-480

Sci

Jul 63

Some Characteristics of the Sub-Family Centantopinae,
by L. L. Mischchenko.
RUSSIAN, per, Fauna USSR - Nasekomye primokrylye,
No 2, 1952, pp 24-31
NZDIA

L.L. Mischchenko

Sci -
Jul 67

334,216

Diffusion of Copper and Oxygen Atoms in the Formation
of Cuprous Oxide Films, by A. I. Andrievskiy, M. T.
Mishchenko, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 2, Feb
1956, pp 430-435.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 2

Sci - Physics
Aug 57

51,509

The Electrical Conductivity of Cuprous Oxide, by
A. I. Andriyevsky, V. I. Voloshchenko, M. T. Mikhchenko,

RUSSIAN, ~~thrice~~ no per, Dok Ak Nauk SSSR, Vol XC,
No 4, p 521.

NSF Tr 90

Scientific - Electronics

Oct 53 CTS

6581

Incidence of Rabies and Its Prophylaxis
Among Inhabitants of the R.S.F.S.R., by
M. A. Buslayev, N. O. Mikhchenko, 3 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XIII, No 12, 1960, pp 107-109.

PP

Sci

May 62

195,165

(BF-1415)

The Significance of Birds and Reptiles in
Maintaining Foci of Tick-Borne Central Asian
Relapsing Fever, by M. K. Mishchenko, 8 pp.

RUSSIAN, per, Zoologicheskii Zhur, Vol XXXIX,
No 3, 1960, pp 424-428.

JPRS 4374

Sci - Biol

Feb 61

140,288

SLA: 61-21137

Geographical adaptation of foci of relapsing
fever, by W. K. Mishchenko, 5 pp.

RUSSIAN, per: Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXII, No 1, 1958, pp 66-70.

2

Pergamon Inst

Sci - Med

Jan 59

80,111

Use of Preheated and Oxygen-Enriched Air for
Sintering Iron Ores, by N. E. Sidorov, V. K.
Antonov, N. M. Mishchenko, et al, 4 pp.

RUSSIAN, per, Stal, No 10, 1960, pp 878-884.

BISI.

Sci

Apr 61

145,422

(W-3865/6)

The Diuretic Action of Diacarb, by P. I. Mishchenko,
O. P. Ruchkina, 7 pp.

RUSSIAN, per, Soviet Med, Vol XXIV, No 1, 1960,
pp 123-126.

JPRS 7419

Sci - Med

Jan 61

137,581

SLA: 61-2203

(NY-4884)

The Effect of Rauwolfia Alkaloids on Renal
Hemodynamics in Hypertension, by P. I. Mishchenko,
17 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol XXXII,
No 5, 1960, pp 7-12.

JPRS 5883

Sci - Med

Oct 60

131,109

TT-65-26425

Field 14E

Mishchenko, V.
MACHINE VOOR HET WEGNEMEN VAN DE EMULSIELAAG
VAN FILMKOPIJEN (Mashinadiya Snyatiya Emulsiionnogo
Sloya s Filmokopii). Tr. by J. Estercam. 6p. CBT-III-21.
Order from CBT as CBT-III-21

Trans. in Dutch of Kinomekhanik (USSR) n3 p38-40 1960.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

(DC-2700/14)

Utilizing Internal Resources, by V. I. Mishchenko,
4 pp.

RUSSIAN, per, Traktory i Sel'khoz mashiny, No 12,
1959, pp 39, 40.

JPRS 3640

USSR

Econ - Technological, Farm machinery

Aug 60

121,850

Comment on Ayukov's Paper on a New Design of Stock
Distributor, by V. P. Mishchenko.

RUSSIAN, per, Stal, Vol XVIII, No 1, 1958, pp
22, 23.

Henry Bratcher 4509
\$2.50

Sci - Engr

May 59

86,594

Spectrophotometric Determination of the Rare Earths
in Solutions of their Ethylenediaminetetracetate
Complexes

By V. T. Mishchenko and N. S. Poluáktov pp. 6

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 7,
1962, pp. 825 - 830

CB

Sci

344,648

Aug 65
Aug 63

Aerogenic Immunization Against Some Zoonoses
with Dry Combined Powdered Vaccines, by I. I.
Aleksandrov, I. Ye. Gofen, I. S. Garin, K. G.
Gapochko, V. M. Nikitin, A. A. Antonova, V.
V. Mishchenko

RUSSIAN, no per, Voenno Med Zhur, No 12,
Moscow, Dec 1960, pp 55-70

US JPRS 7995

Sci
mar 61

143,555

Mishchenko, Ye. F. and Pontryagin, L. S.
ONE STATISTICAL PROBLEM OF OPTIMAL CON-
TROL. [1960] 8p. 3 refs.
Order from OTS or SLA \$1.10

61-10451

Trans. of Akademiya Nauk SSSR. Doklady, 1959,
v. 128, no. 5, p. 890-892.

DESCRIPTORS: *Functional analysis, *Statistical
processes, Differential equations, Control.

(Mathematics, TT, v. 6, no. 1)

61-10451

I. Mishchenko, Ye. F.
II. Pontryagin, L. S.

Office of Technical Services

A Probability Problem of Optimal Control,
by A. N. Komogorev, Ye. F. Mishchenko,
6 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol LXXV, No 5, 1962, pp 993-995.

JPRS 16184

Sci - Math

Nov 62

217, 482

(S) (U)

Concerning One Statistical Problem of
Optimal Control, by Ye. P. Mishchenko,
L. S. Pontryagin, 25 pp.

RUSSIAN, per, Iz Ak Nauk SSSR,
Ser Matemat, Vol XXV, No 4, Jul/Aug 1961,
pp 477-498.

JPRS 11222

176,876

Sci - Engr
Dec 61

Influence of Electrolysis Conditions and Electrolyte Composition on the Porosity of Electrodeposited Nickel Coatings, by A. L. Rotinyan, N. P. Fedotyev, E. E. Mishchenkova, and De Du-kho, 8 pp.

Bib ' *XII* 5
RUSSIAN, per, Zhur Aza! Khim, Vol XII, No 4, 1957, pp 716-722.

Consultants Bureau

Sci - Chem
Aug 58

69, 718

(NY-4640)

Technical Progress in the Petroleum Industry, by
Kazimierz Mischke, 18 pp.

POLISH, per, Nafta, Vol XVI, No 5, 1960, pp 117-120.

JPRS 5798

ESur - Poland
Econ
Nov 60

131,196

Vapor Pressure of Methanol at 5 to 50°, by M. L.
Glyuyeva, K. P. Mishchenko, M. K. Fedorov,
3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 2,
1960, pp 473, 474.

CB

Sci

147,664

Apr 61

The Biochemical Features of Nerve Parabiosis,
by V. S. Misheneva, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Seche-
nova, Vol XLIII, No 6, 1957, pp 524-561.

Pergamon Institute

Sci - Med

May 58

63, 656

On the Dynamic Stability of Shallow Elastic Shells, by
G. V. Mishenkov, 8 pp.

RUSSIAN, per, Inzhenernyy Zhur, Vol 1, No 2, 1961,
pp 112-118.

CIA/FDD XX-1143
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

195, 960

May 62

USIB INTERNAL USE ONLY

NY-1861

The Karst in the Vratsa Mountains, by Kiril Mishev,
Vladimir Popov, 10 pp.

BULGARIAN, per, Priroda, No 1, Sofia, Jan/Feb 1958,
pp 7-13.

US JPRS/NY-L-556

KKar - Bulgaria
Geo
Jan 59

78,765

Investigation of the Resistance Coefficient for a
Sphere at Supersonic Velocity in Gases with
Different Specific Heat Ratios, by G. I. Mishin,
3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 4, 1961,
pp 495-498.

AIP
Sov Phys-Tech Phys
Vol VI, No 4

Sci1

170,087

(FDD 27693)

A Geographic Tour of the Hungarian Autonomous
Region in the People's Republic of Rmania, by
K. Mishev, 9 pp.

BULGARIAN, no per, Geografiya, Vol V, No 1,
Sofia, 1955, pp 11-15

CIA FDD U-8725

39, 810

EEur - Bulgaria

Geo

Oct 56

Geomorphological Studies of the Danubian Hilly
Plane Between the Vidbol and Ogosta Rivers, by
K. Mishev, 58 pp.

BULGARIAN, per, Izvestiya na Geografiski Institut,
Vol IV, 1959, pp 27-76.

ACSI I-3138
ID 2240849

EEur - Bulgaria
Geog
Sep 63

345, 307

(FDD 27138)

The Sand Dunes Along Our Black Sea Coast, (Bulgaria),
by K. Mishev, 6 pp.

BULGARIAE, no per, Geografiya, Vol V, No 9, Sofia,
SEP 1955, pp 4-7.

CIA/FDD U-8531

38,165

EUR - Bulgaria
Geo -

(FID 28080)

Mount Ograzhden (Bulgarin), by K. Mischev, F.
Nikolov, 7 pp.

BULGARIAN, no par, Geografiya, Vol VI, No 1,
Sofia, Jan 1956, pp 5-8.

CIA/FID U-9068

ESur - Bulgaria
Geo
Oct 56 CTS

40, 711

Dune Relief in Vidin Okoliya (Bulgaria), by
Kiril Mischav, 6 pp.

BULGARIAN, per, Geografiya, Vol VIII, No 4,
Sofia, Apr 1958, pp 4-7.

US JPRS/NT-L-476

EBur - Bulgaria
Geo - Land forms

75, 856

(2500-D/7)

The Party - Political and Organizational Work in
the Bulgarian People's Army, by Misho Mishev,
18 pp.

BULGARIAN, per, Novo Vreme, No 12, Sofia, 1958,
pp 48-60.

JPRS 556-D

EEur - Bulgaria
Pol
Mar 59

82, 296

R-2045

(DC-2090)

Certain Problems of Distribution, Accumulation,
and Expanded Production in TKZS (Bulgaria), by
V. Mishev, T. Georgiev, 19 pp.

BULGARIAN, no par, Novo Vreme, Vol XXXIV, No 4,
Sofia, Apr 1958, pp 18-32.

US JPRS/DC-L-700

EEur - Bulgaria

73,553

Econ - Agriculture

7
Raising the Level of Livestock Production,
by Vasil Mihov, 11 pp.
BULGARIAN, per. Planov Sposobstvo i Statistika,
Vol XIX, No 6, 1966, pp 27-37.
JPRS 25430

EU-Bulgaria
Econ
Sep 64

266,146

GROWTH IN LABOR PRODUCTIVITY ON THE COOPERATIVE
FARMS, BY VASIL NISHEV, 19 PP.

BULGARIAN, PER, NOVO VREME, VOL. XXIX, NO. 6, 1963,
PP 67-73.

JPRS 20406

EE-BULGARIA

ECON

AUG 63

#37,648

THE PROBLEMS OF BRINGING COOPERATIVE OWNERSHIP
CLOSER TO GENERAL PUBLIC OWNERSHIP, BY VASIL
NISHEV, 22 PP.

BULGARIAN, PER, SELIMOSTOPANSKA NAUKA, VOL 11(8),
NO 1, 1963, PP 106-116.

JPRS 20705

EE-BULGARIA
EDON
AUG 63

340,818

SETTE

(NY-2697).

On the Cost of Production in TKZS, by Vasil Visher,
11 pp.

BULGARIAN, per, Selskostopanska Misul, No 3,
Vol IV, 1959, pp 169-176.

JPRS-1860-N

Eur - Bulgaria
Econ - Agriculture
Sep 59

95, 569

REGENERATION OF MANAGEMENT PERSONNEL IN
COOPERATIVE LABOUR FIRMS, BY NATASHA NISHEVA, 32 PP.

BULGARIAN, PER. PLANING STOPANSTVO I STATISTIKA,
VOL. XVIII, NO 2, 1962, PP 39-50.

APR 1963

EUR - BULGARIA
ECON.
APR 63

226,379

(FDD 26415)

Infrared Gas Analyzer, by T. Mishiya, T. Shimada,
K. Mori; 18 pp.

JAPANESE, Scientific Research Institute Reports,
Vol XXVII, Tokyo, 1951, pp 423-430.

S.M.F. 117
CIA/FDD/U-8102

33,356

FE - Japan
Sci - Physics, optics

Study on High-Strength Copper Alloy (II) Cu-Ti
System, by Yoshitugu Mishima, Shigeju Morikawa,
7 pp. ID 20466, ~~1~~

JAPANESE, per, No 14, 31 Mar 1955.

ACS, I, G-7062

Sci - Min/Metals
May 1957 CTS/dex

32,566

47682

An Attempt to Establish the Rhythms of the
Virological Intensity of Natural Foci of
Biphasic Meningo-Encephalitis, by A. V.
Mishin, 3 pp.

RUSSIAN, Per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXIX, No 8, 1958, pp 72-74

Pergamon Inst

Sci - Med

Apr 59

85,726

The Effect of Phytoncides on the Motor Response of the
Tick Ixodes Persulcatus P. Sch, by A. V. Mishin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 4,
1958, pp 911-.

Amer List of Biol Sci

Sci - Med

97,028

NCH-202 326

Field 11F

Mishin, D. D.; Shur, Y. S.; Timoshchuk, V. I.
NATURE OF THE HIGH COERCIVE FORCE IN A
COBALTPLATINUM ALLOY. Aug 85, 11p
(foreign text included) Srefs. INC-Trans-64/226;
NLL-M.5749,
Order from NLL as M.5749

Trans. of Fizika Metallov i Metallovedenie (USSR)
v19 n5 p793-6 1965.

I. International Nickel Co.
(MonD) Ltd., London (England)

A305065

An Electronic Millisecond Vernier Chronograph,
by G. I. Mishin, 5 pp.

RUSSIAN, per, Priory i Tekh Eksp, No 5, 1960,
pp 56-59.

ISA

Sci
22 Jun 62

200,031

A Millisecond Matrix Time Meter, by G. I. Mishin, 12 pp.
RUSSIAN, per, Pribery i Tekh Ekspoz. , No 5, pp 106-112, 1962.

ARC-SC-T-515

Sci - Phys
Feb 64

250, 570

13
Measurement of Baro Pressure in Free Flight, by
G. I. Mishin, 7 pp.
RUSSIAN, por, in Ak Nauk SSSR, Goset Yekh Mash.
Mekh i Mash, No 6, 1962, pp 116-118. 9695069
FTD-TT-64-373

Sci - Aero
Nov 64

264,151

The Influence of Gasdynamic Relaxation of CO_2 on the
Coefficient of Resistance of a Sphere for Supersonic
Velocities, by G. I. Mishin, V. A. Ovsyannikov, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 12, 1961,
pp 1467-1471.

AIP
Sov Phys - Tech Phys
Vol VI, No 12

Sci

Jul 62

205,045

A Millisecond Matrix Chronometer, by G.I. Mishin,
6 pp.

RUSSIAN, per, Prihory i Tekhnika Eksper, No 5, 1962.
pp. 106-112.

ISA

Sci

341, 001

May 63

(NY-3905/2).

Shock Tubes for Measuring Drag Coefficients of
Bodies in Free Flight, by Yu. A. Danayev, G. I.
Mishin, 6 pp.

RUSSIAN, par. 12 Ak Nauk SSSR, Otdel Tekh Nauk,
Kokh i Mash, No 2, Mar-Apr 1959, pp 183-190.

JPRS-L-1183-N

Sci - Phys, Engr
Feb 60

107708

APPARATUS FOR CORRELATIVE ANALYSIS OF
PHYSIOLOGICAL PROCESSES, BY L. N. MISHIN, 10 PP

RUSSIAN, PER. MEDITSYNNAYA PROMSHLENNOST' SSSR,
NO 2, 1969, PP 43-49.

JPRS 18899

NSA 73 BIOL & MED

228,798

A Method for Increasing the Stability of Sound Amplification Systems, by L. A. Mishin, 2 pp.

RUSSIA., per, Akust Zhur, Vol IV, No 1, 1956, pp 64-72.

AIP
Sov Phys-Acoustics
Vol IV, No 1

195,450

May 62

(NY-6755)

Radioelectronics in Medicine, by L. N.
Mishin, 4 pp.

RUSSIAN, per, Sovet Zdravookhraneniye,
No 8, 1961, pp 23-27.

JPRS 11651

Sci - Med

Jan 62

178,058

(NY-6325/b)

Vibrating Filter for Liquid Filtration, by
L. N. Mishin, 14 pp.

RUSSIAN, per, Novosti Meditsinskoy Tekhniki,
No 4, 1959, pp 84-95.

JPRS 9828

165, 418

Sci - Engr
Sep 61

Indonesian Aviation in the Struggle for the
Country's Freedom, by M.A. Mochtar, 8 pp.

RUSSIAN, par, Vest Voz Flot, No 8, 1958,
pp 92- 645394

ATIC

Sel Aero

May 59

89, 054

17
Sulfidizing of Machine Parts and Tools, by
P. A. Mishin, Ya. S. Buraya.

RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXV,
No 7, 1955, pp 70-74.

Brutcher Tr
No 3651

34,044

\$6.90

Scientific - Engineering
Chemistry

May 56 CTS/DEX

~~For~~

Some Features of Microseism Propagation Along
Continental Paths, by L. N. Ryumov, S. V.
Mishin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 6,
1961, pp 810-817.

AGU

Sci

194,510

May 62

(NK-3000/47)

The "Druzhba" Oil Pipeline Will Connect Five
Countries, by M. Vladimirov, V. Mishin, 6 pp.

RUSSIAN, np, Sovetskaya Belorussiya, 15 Feb 1961.

JPRS 9279

USSR

Econ

Jun 61

156, 118

The Reduction and Sulphidation of Oxidised
Cobalt Compounds, by V. D. Mishin, L. M.
Kabanova.

RUSSIAN, per, Trudy Ural'skogo Politekh Inst
Imeni S. M. Kirova, Vol LVIII, 1957, pp 128-144.

MLL RTS 1896

Sci - Chem

193, 723

May 62

Some Problems Concerning Geomagnetic Activity. I., by
V. M. Mishin, I. A. Zhulin, 7 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol II, No 3,
1963, pp 502-509.

AGU

Sci -
Nov 63

241,943

Mishin, V. M., Mishina, N. A., and Kalinokaya,
G. P.
ANALYSIS OF LATITUDINAL VARIATIONS IN THE
YEARLY COURSE OF MAGNETIC ACTIVITY. Dec 63,
11p Srefs N64-11659.
Order from OTS \$1.75 in NASA-TT-F-105 (p. 15-25)

Trans. from [Zemnoi Magnetizm i Zemnye Toki:
Sbornik State] (USSR) 1960, no. 4. (Abstract available)

DESCRIPTORS: *Magnetic storms, *Terrestrial mag-
netism, *Ionospheric disturbances, Periodic variations,
Analysis

The main regularities of annual variations of magnetic
activity obtained according to the data of 1955-1956, are
analogous to those obtained according to the II IGY and
IPY materials. In the polar region the average level of
activity varies several times with the transition from
local winter to local summer. According to the data of
(Earth Sciences--Meteorology, TT, v. 11, no. 6) (over)

TT-64-11502 (p. 15-25)

I. Mishin, V. M.
II. Mishina, N. A.
III. Kalinokaya, G. P.
IV. NASA-TT-F-105 (p. 15-25)
V. N64-11659
VI. National Aeronautics and
Space Administration,
Washington, D. C.

1478751

Office of Technical Services

Some Remarks Concerning the Article of M. S. Bobrov
"Planetary Configuration of Geomagnetic Disturbances
of Corpuscular Origin", by R. Kh. Latypova,
V. M. Mishin, 7 pp.

RUSSIAN, per, Geomagnet i Aerom, Vol II, No 3,
1962, pp 553-560.

AGU

Sci -
Nov 63

241,947

THE STRUCTURE AND NATURE OF THE ANNUAL VARIATION OF
MAGNETIC ACTIVITY, BY V. M. WISHIN, 53 PP.

RUSSIAN, PER, ISOLEDOVANIYA PO GEOMAGNETIZMU I AERO-
NOMII, 1963, PP 31-52.

JPRS 21073

EARTH SCI
SEP 63

343,872

On the Diurnal Variation of Perturbations of
Earth Currents According to Observations of
in Soviet Stations During the IGY Period,
by V. M. Mishin, O. M. Barsukov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 1, 1960, pp 148-150.

IGC 112

Sci - Geophys
May 60

116,650

The Structure of Magnetic Diurnal Variation, by
V. M. Mishin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1109-.

Consultants Bureau

Sci - Geophys

Jan 59

79,368

On the Annual Course of Frequency of Magnetic
Storm Occurrence, by V. M. Mishin, N. Ya.
Naydenova, et al.

RUSSIAN, per, Geomagnetism i Aeronomiya, Vol. II,
No 2, 1962, pp 321-325.

NASA TT F-8254

Sci

Jan 63

US GOV'T USE ONLY

219,867

Effect of Temperature on the Magnitude and Rate
of Swelling of Agar, by V. P. Mishin, N. D.
Verderevakaya, 6 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 4, 1957,
pp 472-463.

Consultants Bureau

Sci - Chem

Jan 59

79,463

A Method for Measurement of the rate of Blood Flow
in Man, by V. V. Melnikov, V. S. Mishin, 4 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M
Sechenova, Vol XLVI, No 10, 1960, pp 1293-1295.

FP

Sci

Apr 61

149,782

As73 Conversion Electron Spectrum, by E. P.
Grigor'ev, B. S. Dzhelepov, A. V. Zolotavin,
V. Ye. Mishin, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 8, 1958, pp 919-922.

Columbia Tech

Oct 59

99,204

Radiation From As^{74} , by E. P. Grigor'ev, B. S. Dzhelepev, A. V. Zolotavin, V. Ya. Mishin, V. P. Prikhodtseva, Yu. V. Khol'nov, G. E. Shekulin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIX, No 7, 1958, pp 831-838.

Columbia Tech

Sci - Phys

Oct 59

99,343